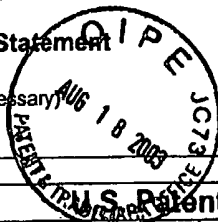


Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 09010-107001	Application No. 10/081,739
		Applicant Walter Callen et al.	
		Filing Date February 21, 2002	Group Art Unit 1645



U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
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	AI						
	AJ						
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Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
mm2	AL	WO 97/44361	Nov 27, 1997	PCT	—	—		
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
mm2	AQ	Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No. AF068255, Leveque et al., May 2000
	AR	Database GenBank, US National Library of Medicine, (Bethesda, MD, USA) No. D83793, Tachibana, et al., February, 2000
	AS	Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No. E13334, Imanaka, et al., June, 1998
mm2	AT	Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No. AAW34998, Lam, et al., May, 1998

Examiner Signature 	Date Considered 12/13/04
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mm	AU	Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No. AAW26131, Imanaka, et al., November 1997
↓	AV	Database GenBank, US National Library of Medicine (Bethesda, MD, USA) No. AAY53917, Leveque, et al., March, 2000
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↓	AX	Database GenBank, US National Library of medicine (Bethesda, MD, USA) No. AAR72602, Asada, et al., October, 1995
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Examiner Signature <i>mm</i>	Date Considered 12/18/04
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Form PTO-1449

Docket Number 564462006000

Application Number 10/081,739

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Walter CALLEN et al.

Filing Date February 21, 2002

Group Art Unit 1652

Mailing Date October 14, 2004



U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
mm	1.	04/1995	EP 0648843	European	—	—	
mm	2.	11/1999	FR 2778412	France	—	—	Abstract
mm	3.	10/1998	WO 98/45417	WIPO	—	—	

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mm	4.	Dong et al., Applied and Environmental Microbiology 63(9):3569-3576 (1997)
	5.	Jorgensen et al., Journal of Biological Chemistry 272(26):16335-16342 (1997)
	6.	Leveque et al., FEMS Microbiology Letters 186(1):67-71 (2000)
	7.	Patent Abstracts of Japan Vol. 1997, no. 11, JP 9173077 A (8 July 1997)
	8.	Supplementary European Search Report mailed on September 6, 2004 for European patent application no. EP 02706401, 5 pages
mm	9.	Tachibana et al., Journal of Fermentation and Bioengineering 82(3):224-232 (1996)

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